IN THE SPECIFICATION

[0004] U.S. Patent No. ~~5,939,210~~ 5,939,201 discloses a method of forming reflective layers on glass. This reference discusses the use of silane in addition to ammonia or an amine to form a silicon/nitrogen coating on a glass sheet. U.S. Patent No. ~~5,939,210~~ 5,939,201 does not disclose the use of oxygen in the reaction.

[0014] In a preferred embodiment of the present invention, the precursor mixture comprises about 0.1 – about 3.0 percent silane, about 1.5 – about 9 percent oxygen, about 1.5 - about 9 percent ethylene and about 7.5 - about 60 percent ammonia ~~nitrogen~~, with the remainder comprising inert carrier gas. The above concentrations are expressed in gas phase percentages.

[0015] Even more preferably, the precursor mixture of the present invention comprises: about 1.5 percent silane, about 6 percent oxygen, about 4.5 percent ethylene and about 15 percent ammonia ~~nitrogen~~, with the remainder comprising inert carrier gas.